

## IN THE SPECIFICATION

Please replace the paragraph beginning at page 1, line 6 with the following amended paragraph:

The present invention is related to the inventions described in U.S. Patent ~~Applications~~ ~~Attorney Docket Nos. Kramer 7-20~~ Application Serial No. 10/085,219 entitled "Processor With Dynamic Table-Based Scheduling Using Linked Transmission Elements For Handling Transmission Request Collisions," ~~Kramer 8-21-9~~ U.S. Patent Application Serial No. 10/085,223 entitled "Processor With Dynamic Table-Based Scheduling Using Multi-Entry Table Locations For Handling Transmission Request Collisions," and ~~Kramer 10-23~~ U.S. Patent Application Serial No. 10/085,771 entitled "Processor With Software-Controlled Programmable Service Levels," all filed concurrently herewith and hereby incorporated by reference herein.

Please replace the paragraph beginning at page 8, line 7 with the following amended paragraph:

A given one of the time slot tables 308 includes a plurality of locations, each corresponding generally to a transmission time slot. More particularly, each location in the table preferably corresponds to a single entry in memory which maps directly to a transmission time slot. Each of the locations is preferably configured for storing an identifier of one of the transmission elements from transmit queue 302 that has requested transmission of a block of data in the corresponding time slot. A time slot may be viewed as the amount of absolute time it takes to transmit a single block of data over an interface or other network connection supported by the network processor 102. Each of the tables in the set of tables 308 may be associated with a particular interface or other network connection. It is to be appreciated that the invention does not require any particular size or configuration of data blocks.